

Serial No. 10/649,035

- 2 -

50310sh

CLAIM AMENDMENTS

1. (Currently Amended) In a multi-reference switching amplifier of the type wherein switching devices control power supplied to a load in response to an input data stream having a sign, a simplified output topology, comprising:

- a plurality of effective independently modulated references;
- a data separator operative to separate the input data stream into coarse- and fine-resolution data;
- circuitry for modulating a first one of the effective references on one side of the load as a function of the coarse-resolution data; and
- circuitry for modulating a second one of the effective references on the other side of the load as a function of the fine-resolution data.

2. - 3. (Canceled)

4. (Currently Amended) The simplified output topology of claim 1, wherein the first one of the effective references is the supply rail.

5. (Currently Amended) The simplified output topology of claim 1, wherein the second one of the effective references is derived through a voltage divider.

GIFFORD, KRASS, GROH, SPRINKLE, ANDERSON & CITKOWSKI, P.C. 2701 TROY CENTER DR., SUITE 330, P.O. BOX 7021 TROY, MICHIGAN 48007-7021 (248) 647-6000